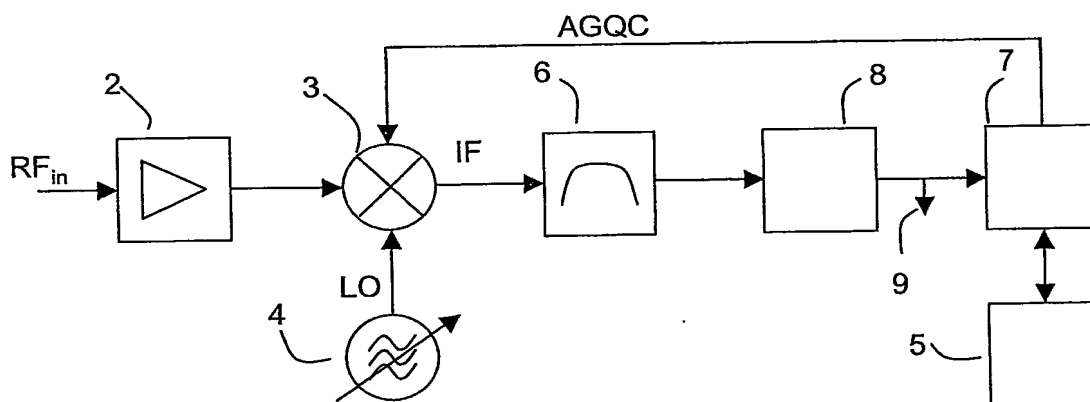Fig. 1 Prior art

Fig. 2

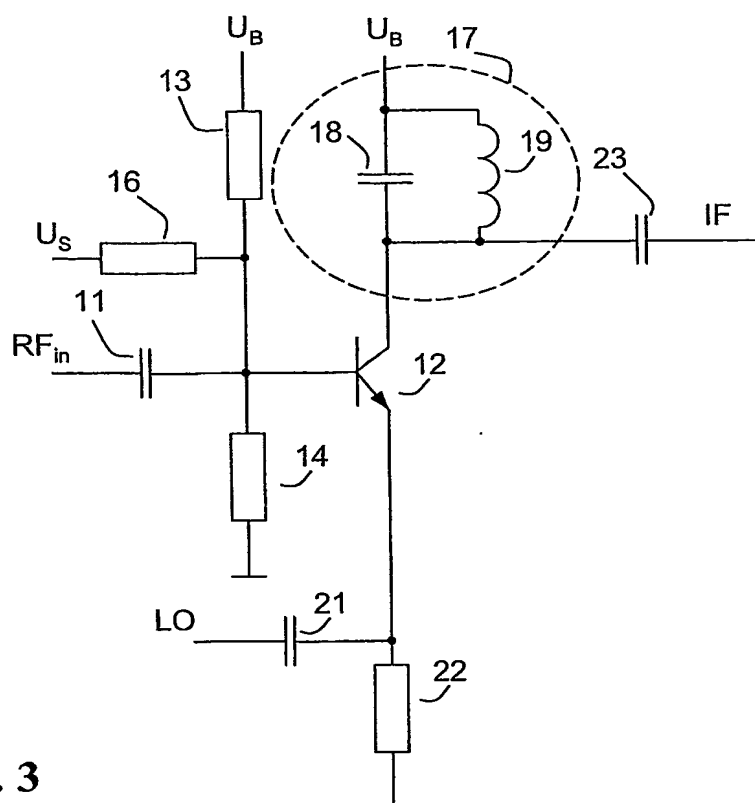**Fig. 3**

Intermodulation Intercept Point $IP_3=f(I_C)$
(3rd order, Output, $Z_S=Z_L=50\Omega$)
V_{CE} = Parameter, $f=900MHz$

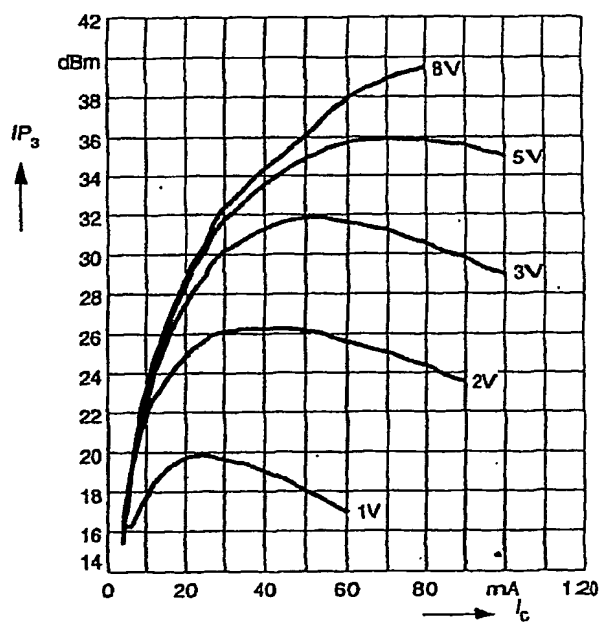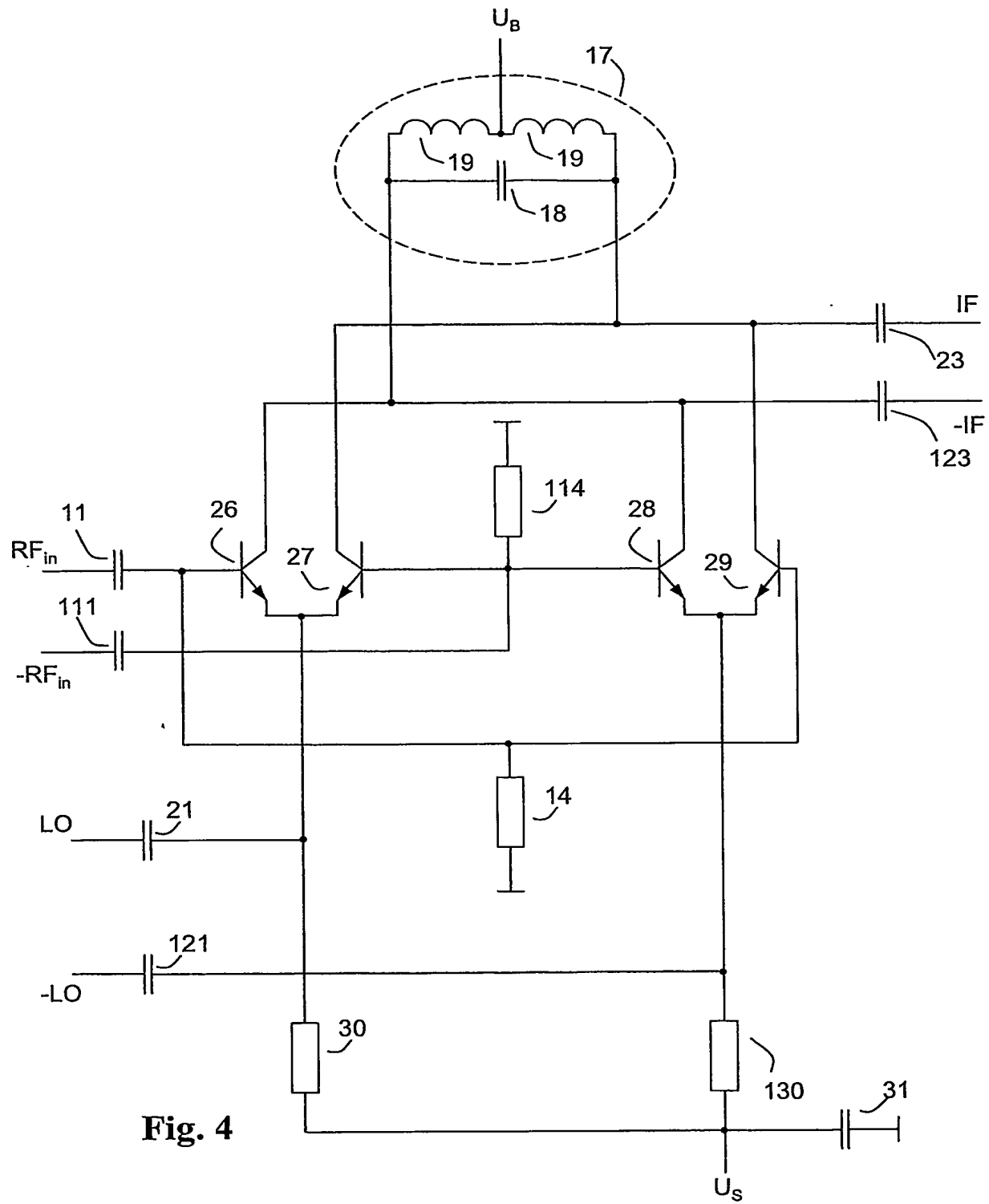**Fig. 5**

Fig. 4

Fig. 6